Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application:

1. (currently amended) Method for generating a menu ~~(M)~~ for a video recording medium ~~(D1)~~, the menu ~~(M)~~ being coded according to an MPEG like standard, the method having the steps of
- starting with a predefined intra-coded picture ~~(I1)~~ consisting of blocks,
- generating an inter-coded picture ~~(P1)~~ having no change information for predefined blocks, and having change information for selected blocks ~~(REC1, REC2)~~ containing picture information representative for a recording ~~(R1, R2)~~ on the video recording medium ~~(D1)~~, and
- using both, the ~~intra-coded~~ inter-coded picture ~~(I1)~~ and the intrainter-coded picture ~~(P1)~~ as menu information.

2. (currently amended) Method according to claim 1, wherein picture information representative for more than one recording ~~(R1, R2)~~ is used for generating the inter-coded picture ~~(P1)~~.

3. (currently amended) Method according to ~~one of the preceding claims~~claim 1, wherein ~~a~~ the menu ~~(M)~~ is updated with information related to another recording ~~(R3, R4)~~ on the video recording medium ~~(D1)~~ by generating an inter-coded picture ~~(P1)~~ having changes only for selected blocks ~~(REC3, REC4)~~ containing picture information representative for the respective recording ~~(R3, R4)~~.

4. (currently amended) Method according to ~~one of the preceding claims~~claim 1, wherein an inter-coded picture ~~(P1')~~ is added to the previous inter-coded picture ~~(P1)~~.

5. (currently amended) The method of ~~one of the preceding claims~~ claim 1, where for generating the picture information ~~(REC3)~~ representative for a new recording, a picture from an encoder display buffer is duplicated into an extra memory area during the new recording, and the picture in the extra memory area is subsampled after the new recording has been terminated.

6. (currently amended) Device for generating a menu ~~(M)~~ for a video recording medium ~~(D1)~~, the menu ~~(M)~~ being coded according to an MPEG like standard, the device having a predefined intra-coded picture memory ~~(M1)~~, a representative picture memory ~~(M2)~~, an encoder ~~(E1)~~ for generating an inter-coded picture ~~(P1)~~ using an output of the intra-coded picture memory ~~(M1)~~ as basis and an output of the representative picture memory ~~(M2)~~ as changes to be recorded, and a recording unit ~~(R1)~~.

7. (currently amended) Device according to claim 6, ~~characterized in that it~~ wherein is provided ~~with~~ a fast encoder ~~(E2)~~ and a slow encoder ~~(E1)~~, the slow encoder ~~(E1)~~ being used for menu generation and the fast encoder ~~(E2)~~ being used for encoding a moving video sequence.

8. (currently amended) The device of claim 7, where the fast encoder ~~(E2)~~ has a display buffer, the device additionally has an extra memory area and is equipped and arranged to copy, during recording, a picture from the display buffer into the extra memory area, and to subsample, after the recording, the picture in the extra memory area into a picture information ~~(REC3)~~ representative for the new recording.

9. (currently amended) Recording medium D1 having recorded on it one or ~~several~~ more recordings ~~(R1, R2, R3, R4)~~ and a menu ~~(M)~~ for information about the ~~at least~~ one or more recordings, ~~(R1, R2, ...) characterized in that~~ wherein the menu ~~(M)~~ comprises a predefined intra-coded picture ~~(I1)~~ and at least one inter-coded picture ~~(P1)~~ having difference information only for selected areas ~~(REC1, REC2 ...)~~, the difference information being related to picture information ~~(REC1, REC2)~~ representative for a recording ~~(R1, R2...)~~.